

ABSTRACT

Title: Somatotype comparison of current UK FTVS students and UK FTVS students forty years ago.

Objectives: Main aim of the theses is to compare the current level of student's somatic prerequisites to successful performance studies at UK FTVS in comparison with the somatic level of students studied forty years ago. Another aim of the theses is to illustrate method for measuring body fat by calliper.

Subject and Methods: The total set consists of 901 somatotypes of students UK FTVS. Somatotypes were processed from protocols on the results of measurements, which contains the components values of somatotype and somatic parameters necessary for their determination. Processed values of somatotype were compared through statistical processes and through somatocharts. The illustration was created with a pencil simply in a lines with a minimal of shading.

Results: Endomorphic components of somatotypes increased in a comparison with a set of students who studied forty years ago. Higher values could have result in difficulties with fulfilment of practical credit requirements of endurance skills. Conversely mesomorphic components are lower against second set of students. It may result in difficulties with fulfilment of practical credit requirements of power skills.

Keywords: somatotype, retrospective study, body type, UK FTVS students, capileration, illustration